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Cat. No. 14-1231
OWNER'S MANUAL

Please read before using this equipment.

SCP-88

**Auto-Reverse Stereo
Cassette Player
with 3-Band Equalizer
and Headphones**

OPTIMUS®

FEATURES

Your Optimus SCP-88 Auto-Reverse Stereo Cassette Player with 3-Band Equalizer and Headphones is a lightweight, portable cassette player that delivers great sound quality through the supplied headphones or an amplified speaker system. You can carry your SCP-88 with you, so you can listen to cassette tapes anywhere.

Its features include:

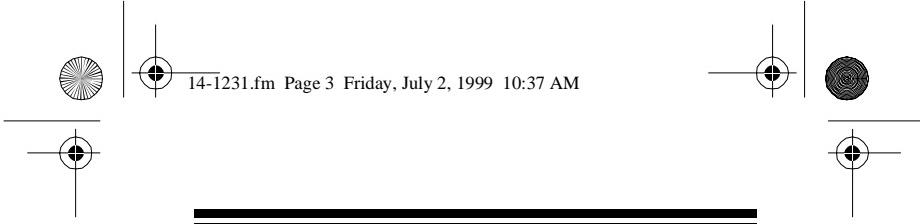
Auto-Reverse Play — automatically plays the other side of the tape when the side currently playing ends, for continuous playback.

Bass Boost — provides richer, fuller bass.

DIRECTION Switch — lets you change the tape's direction to play the other side without removing the tape from the cassette player.

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3-Band Equalizer — lets you adjust the tone to suit your listening preferences.

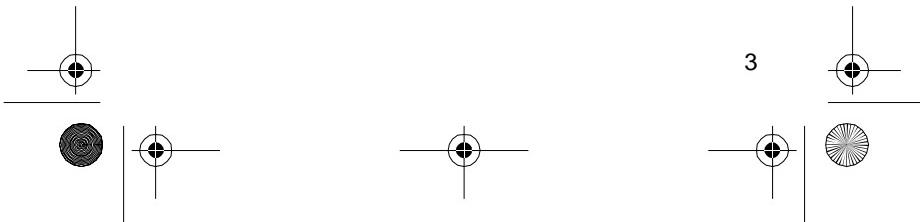
Fast-Forward and Rewind — lets you quickly find a desired segment on a cassette tape.

PHONE Jack — lets you connect headphones for private listening, or speakers to share music with your friends.

Removable Belt Clip — allows hands-free carrying so you can take the SCP-88 anywhere you go.

Note: You need two AA batteries to power your SCP-88.

Read this manual completely to learn about all the features of your SCP-88.



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PREPARATION

INSTALLING BATTERIES

You need two AA batteries to power the SCP-88. For the best performance and longest life, we recommend alkaline batteries, such as RadioShack Cat. No. 23-552. Follow these steps to install batteries.

1. Press down on the battery compartment cover and slide it off in the direction of the arrow marked on the cover.
2. Install the batteries as indicated by the polarity symbols (+ and -) marked beside the compartment, with the batteries over the ribbon.

Cautions:

- Use only fresh batteries of the required size and type.

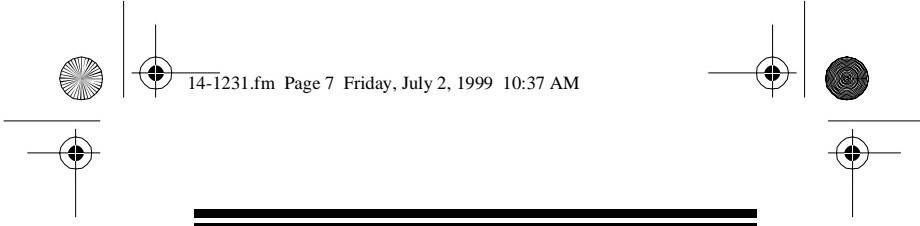
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- Always dispose of old batteries promptly and properly.

Note: Pull the ribbon to lift out the batteries.

3. Replace the cover.

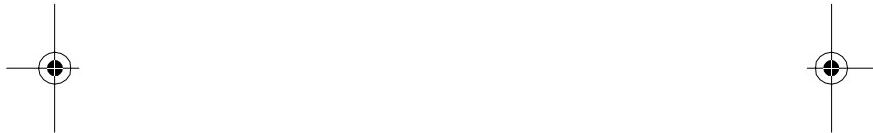
Notes:

- If the sound gets weak or distorted, replace the batteries.
- If you do not plan to use the SCP-88 for a week or more, remove the batteries. Batteries can leak chemicals that corrode or damage electronic circuits.



CONNECTING HEADPHONES

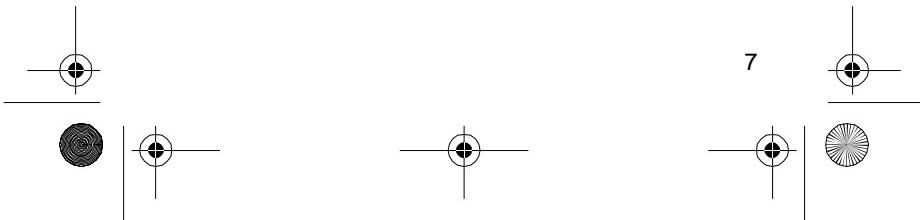
Connect the supplied stereo headphones to the SCP-88's **PHONE** jack for stereo sound. Then put on the headphones and adjust the headband for a snug fit.



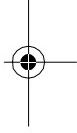
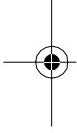
Listening Safely

To protect your hearing, follow these guidelines when you use headphones.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.



- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

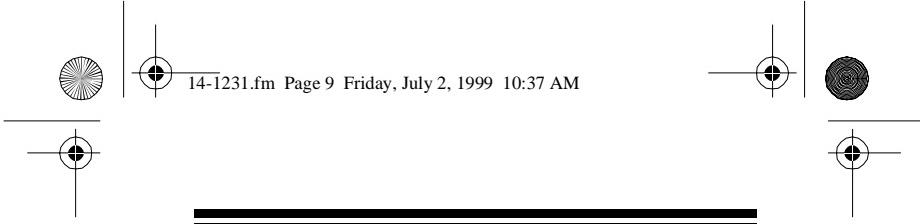


Traffic Safety

Do not wear headphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and could be illegal in some areas.

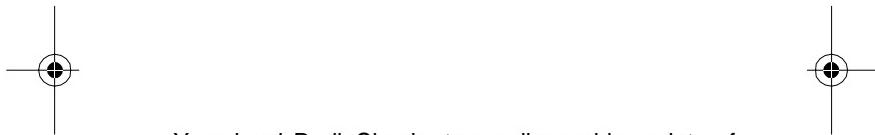
Even though some headphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.





CONNECTING OPTIONAL SPEAKERS

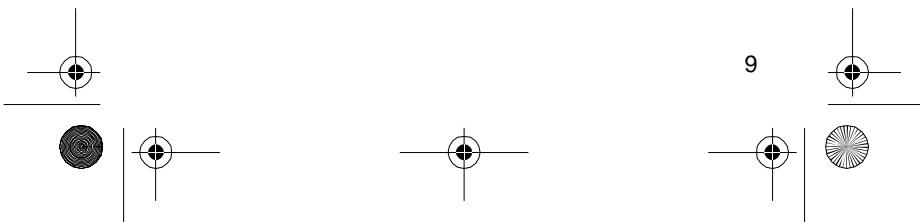
Instead of headphones, you can connect amplified speakers with a 1/8-inch mini plug to the **PHONE** jack.

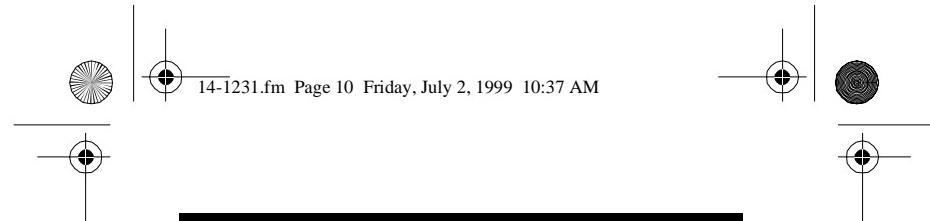


Your local RadioShack store sells a wide variety of amplified speakers.

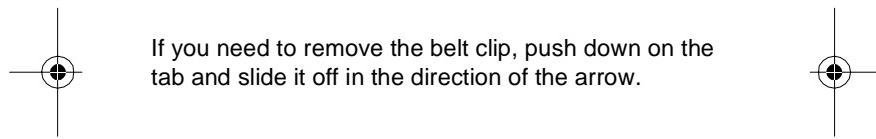
USING THE BELT CLIP

The belt clip lets you keep your hands free while you listen to the SCP-88.

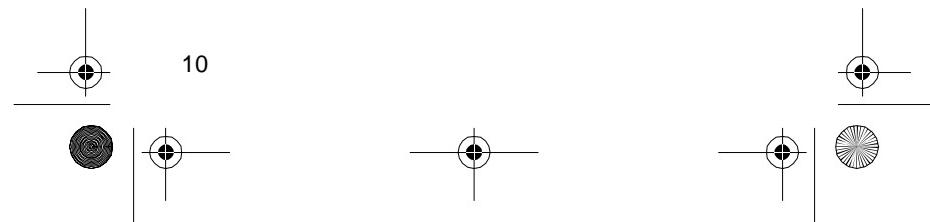




To attach the belt clip, place it in the recessed area on the cassette player and slide it in the direction of the arrow until it clicks into place.



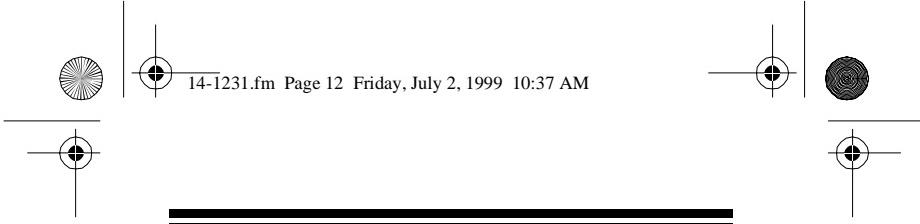
If you need to remove the belt clip, push down on the tab and slide it off in the direction of the arrow.



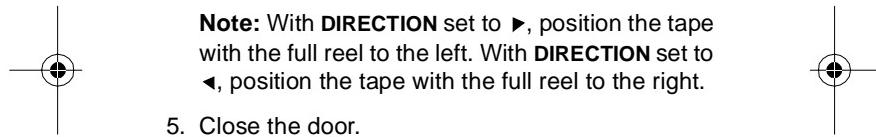
CASSETTE OPERATION

PLAYING A CASSETTE TAPE

1. Connect the SCP-88 to a pair of headphones or an amplified speaker system (see "Connecting Headphones" on Page 7 or "Connecting Optional Speakers" on Page 9).
2. Take up any slack in the tape by turning the cassette's hub with a pencil. Do not touch the exposed tape.
3. Pull open the cassette compartment door.

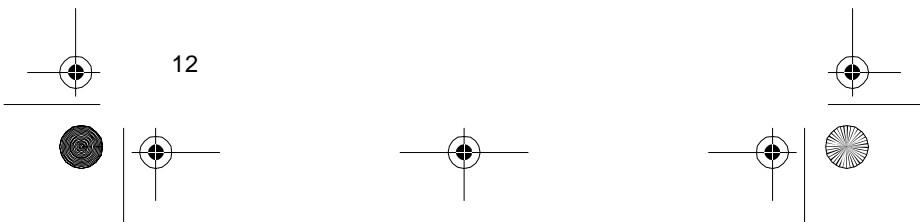


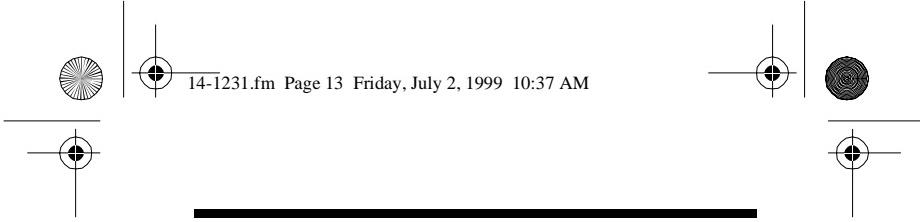
4. With its open edge facing up, insert the cassette tape into the cassette guides.



Note: With DIRECTION set to ▶, position the tape with the full reel to the left. With DIRECTION set to ▲, position the tape with the full reel to the right.

5. Close the door.



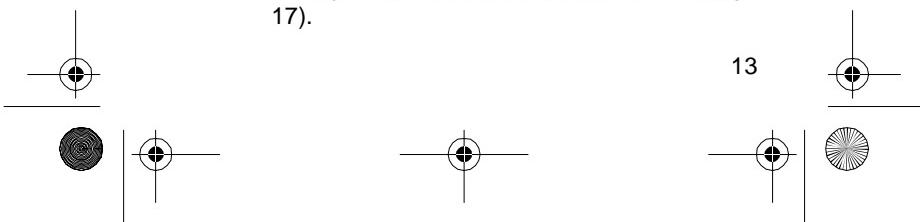


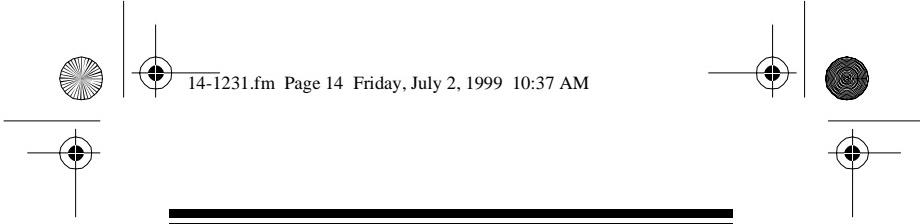
- 14-1231.fm Page 13 Friday, July 2, 1999 10:37 AM
6. Press **PLAY** until it clicks. The entire cassette tape repeatedly plays.

Notes:

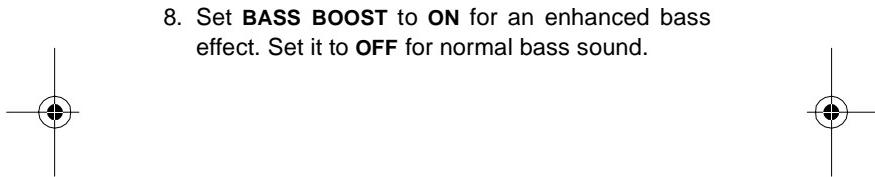
- The tape automatically plays the other side when the current side ends. To manually change the tape side, set **DIRECTION** to its other position.

- You can press **>>** or **<<** to fast-forward or rewind the tape to the desired segment (see "Using Fast-Forward and Rewind" on Page 17).

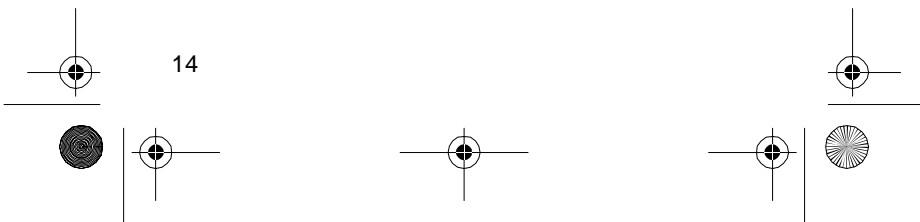


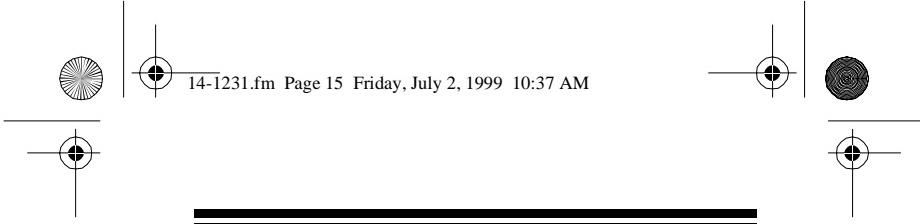


7. Adjust **VOLUME** to the desired listening level.



8. Set **BASS BOOST** to **ON** for an enhanced bass effect. Set it to **OFF** for normal bass sound.

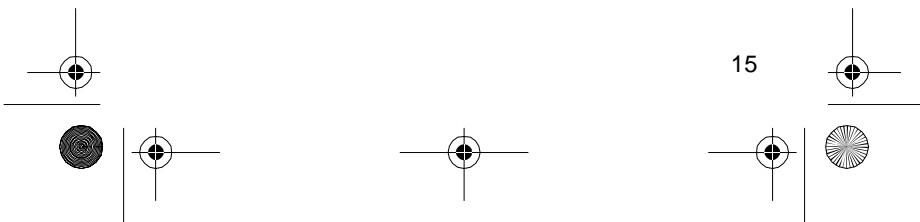




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9. Use the 3-band equalizer to adjust the tone to the desired level (see "Using the 3-Band Equalizer Controls" on Page 16).

10. To stop playback, press **STOP**.



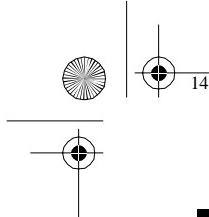
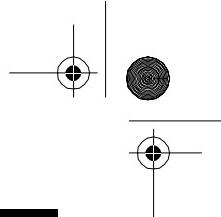
USING THE 3-BAND EQUALIZER CONTROLS

You can adjust the 3-band equalizer controls to customize the SCP-88's tone.

TREB — increases or decreases the treble or higher frequency sounds

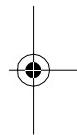
MID — increases or decreases the mid-range sounds

BASS — increases or decreases the bass



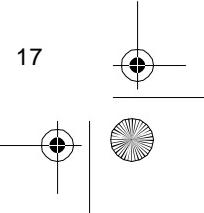
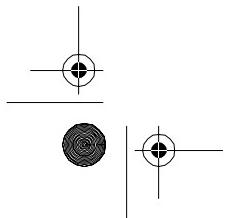
USING FAST-FORWARD AND REWIND

To fast-forward the tape, press ►► or ◀◀ (whichever is the same direction as the **DIRECTION** switch). To rewind the tape, press ►► or ◀◀ (whichever is the opposite direction of the **DIRECTION** switch).



When the tape reaches the end, you must press **STOP** to release ►► or ◀◀.

To stop fast-forwarding or rewinding the tape before it reaches the end, press **STOP**.



TAPE TIPS

Tape Quality

For the best performance, use only regular length (60- or 90-minute) cassette tapes. We do not recommend long-playing cassette tapes, such as C-120s, because they are extremely thin and can easily tangle in the playback mechanism.

Restoring Tape Tension and Sound Quality

After you play a cassette tape several times, the tape might become tightly wound on the reels. This can cause playback sound quality to deteriorate.

To restore the sound quality, fast-forward the tape from the beginning to the end of one side, then completely rewind it. Then loosen the tape reels by gently tapping each side of the cassette's outer shell on a flat surface.

Caution: Be careful not to damage the cassette when tapping it. Do not touch the exposed tape or allow any sharp objects near the cassette.

Cleaning the Tape-Handling Parts

Dirt, dust, or particles of the tape's coating can accumulate on the tape head and other parts that the tape touches. This can reduce the SCP-88's performance.

Follow these steps to clean the tape-handling parts after about every 20 hours of tape player operation.

1. Remove the batteries.
2. Open the cassette compartment door.
3. Press **PLAY** to expose the tape-handling parts.

4. Use a cotton swab dipped in denatured alcohol or tape head cleaning solution to clean the playback head, pinch rollers, capstans and tape guides.

5. When you finish cleaning, press **STOP** and close the compartment, then reinstall the batteries.

Note: Your local RadioShack store has a complete line of cassette deck cleaning accessories.

MAINTENANCE

Your Optimus SCP-88 Auto-Reverse Stereo Cassette Player is an example of superior design and craftsmanship. The following suggestions will help you care for the SCP-88 so you can enjoy it for years.

- Keep the SCP-88 dry. If it gets wet, wipe it dry immediately.
- Use and store the SCP-88 only in normal temperature environments.
- Handle the SCP-88 gently and carefully. Don't drop it.
- Keep the SCP-88 away from dust and dirt.
- Occasionally wipe the SCP-88 with a damp cloth to keep it looking new.

Modifying or tampering with the SCP-88's internal components can cause a malfunction and might invalidate its warranty. If your SCP-88 is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

Power Requirements 3 Volts DC
Two AA Batteries (Cat. No. 23-552)

Typical Cassette Playing Time
with Two AA Alkaline Batteries 12 Hours (Approx.)

Tape System 4-Track, Stereo

Tape Speed 1⁷/₈ ips (4.75 cm/s)

Frequency Response..... 125 Hz–8 kHz (± 6 dB)

Signal-to-Noise Ratio 42 dB

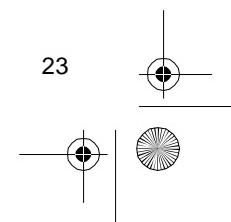
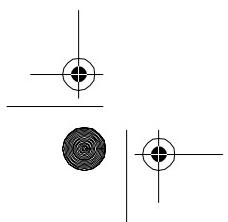
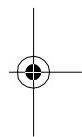
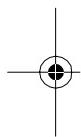
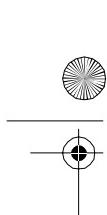
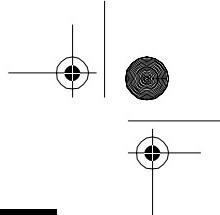
Wow and Flutter 0.25%

Dimensions 4¹³/₁₆ X 3³/₄ X 1⁷/₁₆ Inches
(122 95 37 mm)

Weight (Without Batteries) 7.7 oz
(217 g)

Specifications are typical; individual units might vary.
Specifications are subject to change and improvement without notice.

NOTES



Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
RadioShack Customer Relations, Dept. W, 100 Throckmorton St., Suite
600, Fort Worth, TX 76102

We Service What We Sell

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